

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alex Rabinovich, Mark Gurvich, and Jianqing He

Serial No: Not yet assigned

Filed: Herewith

For: A SYSTEM AND METHOD OF PILOT TONE REUSE IN A FEEDFORWARD AMPLIFIER

22388 U.S.PTO
10/723094

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

 Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

20 sheet(s) of drawings (formal informal) is(are) enclosed.

73 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

An assignment of the invention to Powerwave Technologies, Inc. is enclosed will follow.

An associate power of attorney is enclosed will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney is enclosed will follow.

A certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. § 119 is enclosed.

IDS enclosed (with reference(s)).

Preliminary Amendment is enclosed.

Application data sheet is enclosed. See 37 CFR 1.76.

Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	48	-20	28	LG=\$18 SM=\$9	\$9.00	\$ 504.00	
B INDEPENDENT CLAIMS FEE*	3	-3	0	LG=\$86 SM=\$43	\$0	\$ 0	
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						\$ 504.00	
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770.00	
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1,274.00	
G ASSIGNMENT RECORDING FEE				\$ 40		\$ 40	
*LIST INDEPENDENT CLAIMS 1, 24, 30							

Please charge my Deposit Account No. 50-1314 the amount of \$ 1,274.00. A copy of this letter is enclosed.

A check in the amount of \$ to cover the filing fee is enclosed.

A check in the amount of \$ to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**

Any additional filing fees required under 37 C.F.R. 1.16

Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:

Paul B. Heynssens

Registration No. 47,648

Attorney for Applicant(s)

Date: November 25, 2003

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Date of Deposit: November 25, 2003

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$____ as filing fee
- patent application (52 page(s) of specification; 20 claim(s); 1 page(s) of abstract)
- 20 sheet(s) of informal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to ____
- certified copy of ____ patent application No. ____ which was filed ____ from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Preliminary Amendment
- Information Disclosure Statement with ____ references
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop NEW PATENT APPLICATION

Commissioner for Patents

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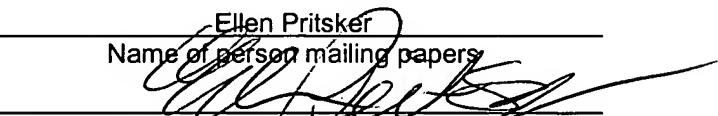
Arlington, VA 22313-1450

Date: November 25, 2003

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Name of person mailing papers


Signature